

## 2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

<b>ADML ID</b>	<b>1775</b>
<b>ADML Description</b>	<b>Trust Fund Interest Earned and Admin Fee - Outbound</b>
<b>ADML Tech #</b>	

### 2.1 Description Functionality

During Wave rollouts, all the agencies that are functioning using FLAIR system will perform their Treasury Investments and Disinvestments using the Treasury Fund Accounting application.

Since, Treasury will go Live in Wave 1 all the Treasury balances will be maintained in Aspire GL. Interest allocation will also be performed in Aspire GL. Therefore, in order to keep Fund Accounting balances and Aspire Invest/Disinvestment balances in-sync, interest earned and administrative fees for all the Trust Funds should be sent to the Fund Accounting application on a monthly basis after processing the interest allocation.

This interface reads Aspire Ledger tables and creates the necessary file to be sent to the Fund Accounting application.

This interface is dependent on Interest Allocation process run in the GL module. This design is based on the assumption that the interest earned and admin fee entries will be recorded in a custom record in addition to the journal tables in GL as described in the functional specification for ADML 788.

#### **Interface Logic:**

Select all rows from FL\_TR\_INTEREST record where Interface ID = ‘ ‘ and AFFILIATE <> ‘ ‘

Write the data into output file as specified in the Record Layout section of this document

If the Write is successful

Update FL\_TR\_INTEREST record (for each row processed) with Interface ID (1775), Process Date and Process Instance.

Else

Write an Error Log file and exit.

## 2.2 Scheduling

Monthly after the Interest Allocation (Interest and Fee) process is run.

## 2.3 Run Control Parameters

None

## 2.4 Unit Test Considerations

Interface Team should push an outbound file to the Fund Accounting Application. The Fund Accounting application technical team should confirm successful load and check sample balances to insure transactions were recorded properly to their application.

## 2.5 Miscellaneous

### Queries

None required.

### ADML Dependencies

1834 – Creation of a new SQL view to support Treasury’s interest allocation process.

788 – SPIA Interface – Outbound to SPIA Application

## 2.6 Assumptions

- Interest Allocation process will be able to create the interest earned and admin fee entries in the custom record (FL\_TR\_INTEREST).
- Entries in the custom record will be created only from a specific Allocation(s) as required by this interface.
- Agencies that are not live on Aspire will not have access to perform investments and disinvestments in Aspire.
- Complete Treasury balances will be maintained in Aspire.
- Interest Allocation will be performed in Aspire GL.

- The Trust Fund balances and interest allocation transactions for the outbound interface to the Fund Accounting Application will be in valid Aspire chartfield combinations.
- Fund Accounting application will be responsible for mapping Aspire Chartfields.
- The delivered Trial Balance report will be used to reconcile the balances in Aspire GL to Fund Accounting application.
- Account and Fund Trees will be built by the GL team as required.
- Output file will contain information for all the agencies. Fund Accounting application will be responsible for excluding agencies that are live on Aspire during the file loading process.
- Data selection criteria will be finalized after the interest allocation process is finalized by the R2R team.

2.7 Record Layout

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ASPIRE.FL_TR_INTEREST.AFFILIATE	Char/ 5				File.File. Business Unit	Char/ 5
ASPIRE.FL_TR_INTEREST.DESCR	Char/ 30				File.File.Descr	Char/ 30
ASPIRE.FL_TR_INTEREST.FISCAL_YEAR	Nbr/ 4				File.File.Fiscal Year	Nbr/ 4
ASPIRE.FL_TR_INTEREST.ACOUNTING_PERIOD	Nbr/ 3				File.File.Period	Nbr/ 2
ASPIRE.FL_TR_INTEREST.ACCOUNT	Char/ 8				File.File.Account	Char/ 8
ASPIRE.GL_ACCOUNT_TBL.DESCR	Char/ 30				File.File.Account_Descr	Char/ 30
ASPIRE.FL_TR_INTEREST.AFFILIATE_INTRA1	Char/ 7				File.File.Fund/CC	Char/ 7

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ASPIRE.FUND_TBL.D ESCR	Char/ 30				File.File.Fund_Descr	Char/ 30
ASPIRE.FL_TR_INTER EST. CHARTFIELD2	Char/ 10				File.File.Chartfield2	Char/ 10
ASPIRE.CHARTFIELD 2_DESCR	Char/ 30				File.File.Chartfield2 Descr	Char/ 30
ASPIRE.FL_TR_INTER EST. MONETARY_AMOUNT	Nbr/ 23.3				File.File.Amount	Nbr/ 23.3
ASPIRE.FL_TR_INTER EST. FL_TRANS_TYPE	Char/ 3				File.File.Type	Char/ 3